

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (Original) An in-vehicle apparatus controlling system, comprising:

an in-vehicle controlling apparatus for controlling an in-vehicle apparatus, said in-vehicle controlling apparatus being provided in an automotive vehicle; and

memory media having user identification information stored therein; said user identification information being partially constituted by biometric information indicative of a person demanding permission to utilize said in-vehicle apparatus, wherein

said in-vehicle controlling apparatus includes: biometric information obtaining means for obtaining biometric information indicative of said person demanding permission to utilize said in-vehicle apparatus; storing means for storing user identification information which is partially constituted by biometric information indicative of a registered user having permission to utilize said automotive vehicle; identifying means for judging whether or not said person is identical to said registered user having permission to utilize said automotive vehicle by establishing the verification of said biometric information obtained by said biometric information obtaining means with respect to said biometric information stored by said storing means; controlling means for controlling said in-vehicle apparatus on the basis of the judgment made by said identifying means; and reading means for receiving said user identification information from said memory media, said identifying means being adapted to judge whether or not said person is identical to said registered user having permission to utilize said automotive vehicle by establishing the verification of said biometric information received by said reading means with respect to said biometric information stored in said memory media when the verification of said biometric information obtained by said biometric information obtaining means with respect to said biometric information stored by said storing means is not normally established by said identifying means.

- 2.-103. (Cancelled).

104. (New) An in-vehicle apparatus controlling system as set forth in claim 1, in which said biometric information obtaining means is constituted by a camera unit for taking an image indicative of the face of said person demanding permission to utilize said in-vehicle apparatus, and obtaining, as said biometric information, image information indicative of said face of said person demanding permission to utilize said in-vehicle apparatus.

105. (New) An in-vehicle apparatus controlling system as set forth in claim 1 or claim 104, in which

said memory media is constituted by an electronic license card, and

said biometric information obtaining means is adapted to obtain said biometric information from said electronic license card.

106. (New) An in-vehicle apparatus controlling system as set forth in claim 1 or claim 104, in which

said memory media is constituted by a non-contact type electronic license card, and

said biometric information obtaining means is adapted to obtain said biometric information from said non-contact type electronic license card.

107 (New) An in-vehicle apparatus controlling system, comprising:

an in-vehicle controlling apparatus for controlling an in-vehicle apparatus;

memory media having stored therein user identification information indicative of a person demanding permission to utilize said in-vehicle apparatus; and

a mobile apparatus for performing communication with said in-vehicle controlling apparatus, wherein

said mobile apparatus includes: reading means for receiving said user identification information from said memory media; storing means for storing user identification information indicative of a registered user having permission to utilize said automotive vehicle; identifying means for judging whether or not said person is identical to said registered user having permission to utilize said automotive vehicle by

establishing the verification of said biometric information received by said reading means with respect to said biometric information stored by said storing means; and transmitting means for transmitting the judgment made by said identifying means to said in-vehicle controlling apparatus, and

said in-vehicle controlling apparatus includes: receiving means for receiving said judgment made by said identifying means from said mobile apparatus; and controlling means for controlling said in-vehicle apparatus on the basis of the judgment made by said identifying means.

108 (New) An in-vehicle apparatus controlling system, comprising:

an in-vehicle controlling apparatus for controlling an in-vehicle apparatus;

memory media having stored therein user identification information indicative of a person demanding permission to utilize said in-vehicle apparatus; and

a mobile apparatus for performing communication with said in-vehicle controlling apparatus, wherein

said mobile apparatus includes: reading means for receiving said user identification information from said memory media; and transmitting means for transmitting said user identification information to said in-vehicle controlling apparatus, and

said in-vehicle controlling apparatus includes: receiving means for receiving said user identification information from said mobile apparatus; storing means for storing user identification information indicative of a registered user having permission to utilize said automotive vehicle; identifying means for judging whether or not said person is identical to said registered user having permission to utilize said automotive vehicle by establishing the verification of said biometric information received by said reading means with respect to said biometric information stored by said storing means; and controlling means for controlling said in-vehicle apparatus on the basis of the judgment made by said identifying means.

109. (New) An in-vehicle apparatus controlling system as set forth in claim 107 or claim 108, in which

said user identification information stored in said memory media is partially constituted by biometric information indicative of a person demanding permission to utilize said in-vehicle apparatus,

said user identification information stored by said storing means of said in-vehicle controlling apparatus is partially constituted by biometric information indicative of said registered user having permission to utilize said automotive vehicle, and

said identifying means of said in-vehicle controlling apparatus is adapted to judge whether or not said person is identical to said registered user having permission to utilize said automotive vehicle by establishing the verification of said biometric information received by said reading means with respect to said biometric information stored by said storing means.

110 (New) An in-vehicle apparatus controlling system as set forth in claim 109, in which

said memory media is constituted by an electronic license card, and

said reading means of said mobile apparatus is adapted to receive said user identification information from said electronic license card.

111. (New) An in-vehicle apparatus controlling system as set forth in claim 109, in which

said memory media is constituted by a non-contact type electronic license card, and

said reading means of said mobile apparatus is adapted to receive said user identification information from said non-contact type electronic license card.

112. (New) An in-vehicle apparatus controlling system as set forth in claim 107 or claim 108, in which

said in-vehicle apparatus is constituted by a door lock controlling apparatus provided in said automotive vehicle,

said controlling means of said in-vehicle controlling apparatus is adapted to control said door lock controlling apparatus on the basis of the judgment made by said identifying means.

113. (New) An in-vehicle apparatus controlling system as set forth in claim 107 or claim 108, in which

said in-vehicle apparatus is constituted by an engine starting apparatus provided in said automotive vehicle,

said controlling means of said in-vehicle controlling apparatus is adapted to control said engine starting apparatus on the basis of the judgment made by said identifying means.

114. (New) An in-vehicle apparatus controlling system as set forth in claim 107 or claim 108, in which

said in-vehicle apparatus is constituted by a telephone provided in said automotive vehicle,

said controlling means of said in-vehicle controlling apparatus is adapted to control said telephone on the basis of the judgment made by said identifying means.

115. (New) An in-vehicle apparatus controlling system as set forth in claim 107 or claim 108, in which

said in-vehicle apparatus is constituted by an audio apparatus provided in said automotive vehicle,

said controlling means of said in-vehicle controlling apparatus is adapted to control said audio apparatus on the basis of the judgment made by said identifying means.

116. (New) An in-vehicle apparatus controlling system as set forth in claim 107 or claim 108, in which

said in-vehicle apparatus is constituted by an automotive instrument panel provided in said automotive vehicle,

said controlling means of said in-vehicle controlling apparatus is adapted to control said automotive instrument panel on the basis of the judgment made by said identifying means.

117. (New) An in-vehicle apparatus controlling system as set forth in claim 107 or claim 108, in which

said in-vehicle apparatus is constituted by an emergency call apparatus provided in said automotive vehicle,

said controlling means of said in-vehicle controlling apparatus is adapted to control said emergency call apparatus on the basis of the judgment made by said identifying means.

118. (New) An in-vehicle apparatus controlling system as set forth in claim 107 or claim 108, in which

said in-vehicle apparatus is constituted by a vehicle-to-roadside communication apparatus provided in said automotive vehicle,

said controlling means of said in-vehicle controlling apparatus is adapted to control said vehicle-to-roadside communication apparatus on the basis of the judgment made by said identifying means.

119. (New) An in-vehicle apparatus controlling system, comprising:

an in-vehicle controlling apparatus for controlling an in-vehicle apparatus; and a mobile apparatus which is being carried by a person demanding permission to utilize said in-vehicle apparatus, said mobile apparatus being adapted to perform communication with said in-vehicle controlling apparatus, wherein

said mobile apparatus includes: biometric information obtaining means for obtaining biometric information indicative of said person demanding permission to utilize said in-vehicle apparatus; and transmitting means for transmitting said biometric information obtained by said biometric information obtaining means to said in-vehicle controlling apparatus, and

said in-vehicle controlling apparatus includes: receiving means for receiving said biometric information from said mobile apparatus; storing means for storing user identification information partially constituted by biometric information indicative of a registered user having permission to utilize said automotive vehicle; biometric information obtaining means for obtaining biometric information indicative of said person demanding permission to utilize said in-vehicle apparatus; identifying means for judging whether or not said person is identical to said registered user having permission to utilize said automotive vehicle by establishing the verification of said biometric information obtained by said biometric information obtaining means with respect to said biometric information forming part of said user identification information stored by said storing means; and controlling means for controlling said in-vehicle apparatus on the basis of the judgment made by said identifying means, said identifying means being adapted to judge whether or not said person is identical to said registered user having permission to utilize said automotive vehicle by establishing the verification of said biometric information received by said receiving means with respect to said biometric information forming part of said user identification information stored by said storing means when the verification of said biometric information obtained by said biometric information obtaining means with respect to said biometric information forming part of said user identification information stored by said storing means is not normally established by said identifying means.

120. (New) An in-vehicle apparatus controlling system as set forth in claim 119, in which said biometric information obtained by said biometric information obtaining means of said in-vehicle controlling apparatus is substantially the same as said biometric information obtained by said biometric information obtaining means of said mobile apparatus.

121. (New) An in-vehicle apparatus controlling system as set forth in claim 119 or claim 120, in which said mobile apparatus is constituted by a cellular phone.

122. (New) An in-vehicle apparatus controlling system, comprising:

an in-vehicle controlling apparatus for controlling an in-vehicle apparatus; and a mobile apparatus which is being carried by a person demanding permission to utilize said in-vehicle apparatus, wherein

said mobile apparatus includes: storing means for storing user identification information indicative of said person demanding permission to utilize said in-vehicle apparatus and personal information according to said in-vehicle apparatus; and communication means for perform communication with said in-vehicle controlling apparatus,

said in-vehicle controlling apparatus includes: communication means for perform communication with said mobile apparatus; storing means for storing user identification information indicative of a registered user having permission to utilize said automotive vehicle; identifying means for judging whether or not said person is identical to said registered user having permission to utilize said automotive vehicle by establishing the verification of said user identification information received by said communication means with respect to said user identification information stored by said storing means; and controlling means for controlling said in-vehicle apparatus on the basis of the judgment made by said identifying means and said personal information received from said mobile apparatus.

123. (New) An in-vehicle apparatus controlling system as set forth in claim 122, in which

said personal information includes information needed for said person to utilize a telephone provided as said in-vehicle apparatus in said automotive vehicle, and

said controlling means of said in-vehicle controlling apparatus is adapted to control said telephone on the basis of the judgment made by said identifying means and said personal information stored by said storing means.

124. (New) An in-vehicle apparatus controlling system as set forth in claim 122, in which

said personal information includes information needed for said person to utilize an audio-visual apparatus provided as said in-vehicle apparatus in said automotive vehicle, and adapted to reproduce both a sound and an image, or either said sound or said image from data stored in memory media, and

said controlling means of said in-vehicle controlling apparatus is adapted to control said audio-visual apparatus on the basis of the judgment made by said identifying means and said personal information stored by said storing means.

125. (New) An in-vehicle apparatus controlling system as set forth in claim 122, in which said personal information includes information needed for said person to drive said automotive vehicle.

126. (New) An in-vehicle apparatus controlling system as set forth in claim 122, in which

said personal information includes information indicative of the current and previous physical condition of said person demanding permission to utilize said in-vehicle apparatus,

said in-vehicle apparatus is constituted by an emergency call apparatus provided in said automotive vehicle, and

said controlling means of said in-vehicle controlling apparatus is adapted to control said emergency call apparatus on the basis of the judgment made by said identifying means and said personal information stored by said storing means.

127. (New) An in-vehicle apparatus controlling system as set forth in claim 122, in which

said personal information includes information needed for said person to purchase one or more products through a vehicle-to-roadside communication apparatus provided, as said in-vehicle apparatus, in said automotive vehicle,

said in-vehicle apparatus is constituted by a vehicle-to-roadside communication apparatus provided in said automotive vehicle, and

said controlling means of said in-vehicle controlling apparatus is adapted to control said vehicle-to-roadside communication apparatus on the basis of the judgment made by said identifying means and said personal information stored by said storing means.

128. (New) An in-vehicle apparatus controlling system, comprising:

memory media having user identification information stored therein, said user identification information being indicative of a registered user having permission to utilize said automotive vehicle;

registering and canceling means for registering user identification information indicative of a new user in said memory media to allow said new user to have permission to utilize said automotive vehicle, or canceling said user identification information indicative of said previously registered user to prevent said previously registered user from having permission to utilize said automotive vehicle;

user identification information obtaining means for obtaining user identification information indicative of a person demanding permission to utilize said in-vehicle apparatus;

identifying means for judging whether or not said person is identical to said registered user having permission to utilize said automotive vehicle by establishing the verification of said user identification information obtained by said user identification information obtaining means with respect to said user identification information stored in said memory media;

controlling means for controlling said in-vehicle apparatus on the basis of the judgment made by said identifying means; and

informing means for informing about said user identification information registered or cancelled by said registering and canceling means.

129. (New) An in-vehicle apparatus controlling system as set forth in claim 128, in which

said user identification information includes image information indicative of the face of said person demanding permission to utilize said in-vehicle apparatus,

said user identification information includes image information indicative of the face of said registered user having permission to utilize said automotive vehicle,

said user identification information obtaining means is constituted by a camera unit for taking an image indicative of said person to obtain image information indicative of the face of said person, and

said identifying means is adapted to judge whether or not said person is identical to said registered user having permission to utilize said automotive vehicle by establishing the verification of said image information obtained by said camera unit with respect to said image information stored in said memory media.

130. (New) An in-vehicle apparatus controlling system as set forth in claim 128, in which

said user identification information includes voice pattern information indicative of a voice of said person demanding permission to utilize said in-vehicle apparatus,

said user identification information includes voice pattern information indicative of a voice of said registered user having permission to utilize said automotive vehicle,

said user identification information obtaining means is constituted by a microphone unit for receiving a voice of said person demanding permission to utilize said in-vehicle apparatus, and obtaining, as said biometric information, voice pattern information from said voice of said person demanding permission to utilize said in-vehicle apparatus, and

said identifying means is adapted to judge whether or not said person is identical to said registered user having permission to utilize said automotive vehicle by establishing the verification of said voice pattern information obtained by said microphone unit with respect to said voice pattern information stored in said memory media.

131. (New) An in-vehicle apparatus controlling system as set forth in claim 128, in which

said user identification information includes fingerprint pattern information indicative of a fingerprint of said person demanding permission to utilize said in-vehicle apparatus,

said user identification information includes fingerprint pattern information indicative of a fingerprint of said registered user having permission to utilize said automotive vehicle,

said user identification information obtaining means is constituted by a fingerprint pattern sensor for detecting said fingerprint of said person demanding permission to utilize said in-vehicle apparatus, and obtaining fingerprint pattern information indicative of said detected fingerprint, and

said identifying means is adapted to judge whether or not said person is identical to said registered user having permission to utilize said automotive vehicle by establishing the verification of said fingerprint pattern information obtained by said fingerprint pattern sensor with respect to said fingerprint pattern information stored in said memory media.

132. (New) An in-vehicle apparatus controlling system as set forth in claim 128, in which

said user identification information includes iris pattern information indicative of an iris of said person demanding permission to utilize said in-vehicle apparatus,

said user identification information includes iris pattern information indicative of an iris of said registered user having permission to utilize said automotive vehicle,

said user identification information obtaining means is constituted by a camera unit for taking an image indicative of said person demanding permission to utilize said in-vehicle apparatus, and obtaining iris pattern information indicative of said iris of said person, and

said identifying means is adapted to judge whether or not said person is identical to said registered user having permission to utilize said automotive vehicle by establishing the verification of said iris pattern information obtained by said camera unit with respect to said iris pattern information stored in said memory media.

133. (New) An in-vehicle apparatus controlling system as set forth in claim 128, which further comprises an integrated circuit card having user identification information stored therein, and in which

said user identification information obtaining means is adapted to obtain said user identification information from said integrated circuit card by performing communication with said integrated circuit card.

134. (New) An in-vehicle apparatus controlling system as set forth in claim 133, in which said integrated circuit card is constituted by an electronic license card.

135. (New) An in-vehicle controlling apparatus, comprising:

biometric information obtaining means for obtaining biometric information indicative of a person demanding permission to utilize an in-vehicle apparatus;

storing means for storing user identification information which is partially constituted by biometric information indicative of a registered user having permission to utilize an automotive vehicle;

identifying means for judging whether or not said person is identical to said registered user having permission to utilize said automotive vehicle by establishing the verification of said biometric information obtained by said biometric information obtaining means with respect to said biometric information stored by said storing means;

controlling means for controlling said in-vehicle apparatus on the basis of the judgment made by said identifying means; and

reading means for receiving said user identification information from a memory media, wherein

said identifying means is adapted to judge whether or not said person is identical to said registered user having permission to utilize said automotive vehicle by establishing the verification of said biometric information received by said reading means with respect to said biometric information stored in said memory media when the verification of said biometric information obtained by said biometric information obtaining means with respect to said biometric information stored by said storing means is not normally established by said identifying means.

136. (New) An in-vehicle controlling apparatus as set forth in claim 135, in which said biometric information obtaining means is constituted by a camera unit for taking an

image indicative of the face of said person demanding permission to utilize said in-vehicle apparatus, and obtaining, as said biometric information, image information indicative of said face of said person demanding permission to utilize said in-vehicle apparatus.

137. (New) An in-vehicle controlling apparatus as set forth in claim 135 or claim 136, in which

said memory media is constituted by an electronic license card, and

said biometric information obtaining means is adapted to obtain said biometric information from said electronic license card.

138. (New) An in-vehicle controlling apparatus as set forth in claim 135 or claim 136, in which

said memory media is constituted by a non-contact type electronic license card, and

said biometric information obtaining means is adapted to obtain said biometric information from said non-contact type electronic license card.

139. (New) An in-vehicle controlling apparatus, comprising:

receiving means for receiving the judgment made by said identifying means from a mobile apparatus; and

controlling means for controlling an in-vehicle apparatus on the basis of the judgment made by said identifying means.

140. (New) An in-vehicle controlling apparatus, comprising:

receiving means for receiving user identification information from a mobile apparatus;

storing means for storing user identification information indicative of a registered user having permission to utilize an automotive vehicle;

identifying means for judging whether or not a person is identical to said registered user having permission to utilize said automotive vehicle by establishing the

verification of said biometric information received by said reading means with respect to said biometric information stored by said storing means; and

controlling means for controlling an in-vehicle apparatus on the basis of the judgment made by said identifying means.

141. (New) An in-vehicle controlling apparatus as set forth in claim 139 or claim 140, in which

said user identification information stored in said memory media is partially constituted by biometric information indicative of a person demanding permission to utilize said in-vehicle apparatus,

said user identification information stored by said storing means of said in-vehicle controlling apparatus is partially constituted by biometric information indicative of said registered user having permission to utilize said automotive vehicle, and

said identifying means of said in-vehicle controlling apparatus is adapted to judge whether or not said person is identical to said registered user having permission to utilize said automotive vehicle by establishing the verification of said biometric information received by said reading means with respect to said biometric information stored by said storing means.

142. An in-vehicle controlling apparatus as set forth in claim 139 or claim 140, in which

said memory media is constituted by an electronic license card, and

said reading means of said mobile apparatus is adapted to receive said user identification information from said electronic license card.

143. (New) An in-vehicle controlling apparatus as set forth in claim 139 or claim 140, in which

said memory media is constituted by a non-contact type electronic license card, and

said reading means of said mobile apparatus is adapted to receive said user identification information from said non-contact type electronic license card.

144. (New) An in-vehicle controlling apparatus as set forth in claim 139 or claim 140, in which

said in-vehicle apparatus is constituted by a door lock controlling apparatus provided in said automotive vehicle, and

said controlling means of said in-vehicle controlling apparatus is adapted to control said door lock controlling apparatus on the basis of the judgment made by said identifying means.

145. (New) An in-vehicle controlling apparatus as set forth in claim 139 or claim 140, in which

said in-vehicle apparatus is constituted by an engine starting apparatus provided in said automotive vehicle, and

said controlling means of said in-vehicle controlling apparatus is adapted to control said engine starting apparatus on the basis of the judgment made by said identifying means.

146. (New) An in-vehicle controlling apparatus as set forth in claim 139 or claim 140, in which

said in-vehicle apparatus is constituted by a telephone provided in said automotive vehicle, and

said controlling means of said in-vehicle controlling apparatus is adapted to control said telephone on the basis of the judgment made by said identifying means.

147. (New) An in-vehicle controlling apparatus as set forth in claim 139 or claim 140, in which

said in-vehicle apparatus is constituted by an audio apparatus provided in said automotive vehicle, and

said controlling means of said in-vehicle controlling apparatus is adapted to control said audio apparatus on the basis of the judgment made by said identifying means.

148. (New) An in-vehicle controlling apparatus as set forth in claim 139 or claim 140, in which

said in-vehicle apparatus is constituted by an automotive instrument panel provided in said automotive vehicle, and

said controlling means of said in-vehicle controlling apparatus is adapted to control said automotive instrument panel on the basis of the judgment made by said identifying means.

149. (New) An in-vehicle controlling apparatus as set forth in claim 139 or claim 140, in which

said in-vehicle apparatus is constituted by an emergency call apparatus provided in said automotive vehicle, and

said controlling means of said in-vehicle controlling apparatus is adapted to control said emergency call apparatus on the basis of the judgment made by said identifying means.

150. (New) An in-vehicle controlling apparatus as set forth in claim 139 or claim 140, in which

said in-vehicle apparatus is constituted by a vehicle-to-roadside communication apparatus provided in said automotive vehicle, and

said controlling means of said in-vehicle controlling apparatus is adapted to control said vehicle-to-roadside communication apparatus on the basis of the judgment made by said identifying means.

151. (New) An in-vehicle controlling apparatus, comprising:

receiving means for receiving biometric information from a mobile apparatus which is being carried by a person demanding permission to utilize an in-vehicle apparatus, said biometric information being indicative of said person demanding permission to utilize said in-vehicle apparatus;

storing means for storing user identification information partially constituted by biometric information indicative of a registered user having permission to utilize an automotive vehicle;

biometric information obtaining means for obtaining biometric information indicative of said person demanding permission to utilize said in-vehicle apparatus;

identifying means for judging whether or not said person is identical to said registered user having permission to utilize said automotive vehicle by establishing the verification of said biometric information obtained by said biometric information obtaining means with respect to said biometric information forming part of said user identification information stored by said storing means; and

controlling means for controlling said in-vehicle apparatus on the basis of the judgment made by said identifying means, wherein

said identifying means is adapted to judge whether or not said person is identical to said registered user having permission to utilize said automotive vehicle by establishing the verification of said biometric information received by said receiving means with respect to said biometric information forming part of said user identification information stored by said storing means when the verification of said biometric information obtained by said biometric information obtaining means with respect to said biometric information forming part of said user identification information stored by said storing means is not normally established by said identifying means.

152. (New) An in-vehicle controlling apparatus as set forth in claim 151, in which said biometric information obtained by said biometric information obtaining means of said in-vehicle controlling apparatus is substantially the same as said biometric information obtained by said biometric information obtaining means of said mobile apparatus.

153. (New) An in-vehicle controlling apparatus as set forth in claim 151 or claim 152, in which said mobile apparatus is constituted by a cellular phone.

154. (New) An in-vehicle controlling apparatus, comprising:

communication means for receiving user identification information and personal information according to an in-vehicle apparatus from a mobile phone, said user

identification information being indicative of a person demanding permission to utilize said in-vehicle apparatus;

storing means for storing user identification information indicative of a registered user having permission to utilize an automotive vehicle;

identifying means for judging whether or not said person is identical to said registered user having permission to utilize said automotive vehicle by establishing the verification of said user identification information received by said communication means with respect to said user identification information stored by said storing means; and

controlling means for controlling said in-vehicle apparatus on the basis of the judgment made by said identifying means and said personal information received from said mobile apparatus.

155. (New) An in-vehicle controlling apparatus as set forth in claim 154, in which

said personal information includes information needed for said person to utilize a telephone provided as said in-vehicle apparatus in said automotive vehicle, and

said controlling means is adapted to control said telephone on the basis of the judgment made by said identifying means and said personal information stored by said storing means.

156. (New) An in-vehicle controlling apparatus as set forth in claim 154, in which

said personal information includes information needed for said person to utilize an audio-visual apparatus provided as said in-vehicle apparatus in said automotive vehicle, said audio-visual apparatus being adapted to reproduce both a sound and an image, or either said sound or said image from data stored in memory media, and

said controlling means is adapted to control said audio-visual apparatus on the basis of the judgment made by said identifying means and said personal information stored by said storing means.

157. (New) An in-vehicle controlling apparatus as set forth in claim 154, in which said personal information includes information needed for said person to drive said automotive vehicle.

158. (New) An in-vehicle controlling apparatus as set forth in claim 154, in which

said personal information includes information indicative of the current and previous physical condition of said person demanding permission to utilize said in-vehicle apparatus, and

said controlling means is adapted to control an emergency call apparatus provided as said in-vehicle apparatus in said automotive vehicle on the basis of the judgment made by said identifying means and said personal information stored by said storing means.

159. (New) An in-vehicle controlling apparatus as set forth in claim 154, in which

said personal information includes information needed for said person to purchase one or more products through a vehicle-to-roadside communication apparatus provided as said in-vehicle apparatus in said automotive vehicle;

said controlling means is adapted to control a vehicle-to-roadside communication apparatus mounted, as said in-vehicle apparatus, on said automotive vehicle on the basis of the judgment made by said identifying means and said personal information stored by said storing means.

160. (New) An in-vehicle controlling apparatus, comprising:

memory media having user identification information stored therein, said user identification information being indicative of a registered user having permission to utilize said automotive vehicle;

registering and canceling means for registering user identification information indicative of a new user in said memory media to allow said new user to have permission to utilize said automotive vehicle, or canceling said user identification information indicative of said previously registered user to prevent said previously registered user from having permission to utilize said automotive vehicle;

user identification information obtaining means for obtaining user identification information indicative of a person demanding permission to utilize said in-vehicle apparatus;

identifying means for judging whether or not said person is identical to said registered user having permission to utilize said automotive vehicle by establishing the verification of said user identification information obtained by said user identification information obtaining means with respect to said user identification information stored in said memory media;

controlling means for controlling said in-vehicle apparatus on the basis of the judgment made by said identifying means; and

informing means for informing about said user identification information registered or cancelled by said registering and canceling means.

161. (New) An in-vehicle controlling apparatus as set forth in claim 160, in which

said user identification information includes image information indicative of the face of said person demanding permission to utilize said in-vehicle apparatus,

said user identification information includes image information indicative of the face of said registered user having permission to utilize said automotive vehicle,

said user identification information obtaining means is constituted by a camera unit for taking an image indicative of said person to obtain image information indicative of the face of said person, and

said identifying means is adapted to judge whether or not said person is identical to said registered user having permission to utilize said automotive vehicle by establishing the verification of said image information obtained by said camera unit with respect to said image information stored in said memory media.

162. (New) An in-vehicle controlling apparatus as set forth in claim 160, in which

said user identification information includes voice pattern information indicative of a voice of said person demanding permission to utilize said in-vehicle apparatus,

said user identification information includes voice pattern information indicative of a voice of said registered user having permission to utilize said automotive vehicle,

said user identification information obtaining means is constituted by a microphone unit for receiving a voice of said person demanding permission to utilize said in-vehicle apparatus, and obtaining, as said biometric information, voice pattern information from said voice of said person demanding permission to utilize said in-vehicle apparatus, and

said identifying means is adapted to judge whether or not said person is identical to said registered user having permission to utilize said automotive vehicle by establishing the verification of said voice pattern information obtained by said microphone unit with respect to said voice pattern information stored in said memory media.

163. (New) An in-vehicle controlling apparatus as set forth in claim 160, in which

said user identification information includes fingerprint pattern information indicative of a fingerprint of said person demanding permission to utilize said in-vehicle apparatus,

said user identification information includes fingerprint pattern information indicative of a fingerprint of said registered user having permission to utilize said automotive vehicle,

said user identification information obtaining means is constituted by a fingerprint pattern sensor for detecting said fingerprint of said person demanding permission to utilize said in-vehicle apparatus, and obtaining fingerprint pattern information indicative of said detected fingerprint, and

said identifying means is adapted to judge whether or not said person is identical to said registered user having permission to utilize said automotive vehicle by establishing the verification of said fingerprint pattern information obtained by said fingerprint pattern sensor with respect to said fingerprint pattern information stored in said memory media.

164. (New) An in-vehicle controlling apparatus as set forth in claim 160, in which

said user identification information includes iris pattern information indicative of an iris of said person demanding permission to utilize said in-vehicle apparatus,

said user identification information includes iris pattern information indicative of an iris of said registered user having permission to utilize said automotive vehicle,

said user identification information obtaining means is constituted by a camera unit for taking an image indicative of said person demanding permission to utilize said in-vehicle apparatus, and obtaining iris pattern information indicative of said iris of said person, and

said identifying means is adapted to judge whether or not said person is identical to said registered user having permission to utilize said automotive vehicle by establishing the verification of said iris pattern information obtained by said camera unit with respect to said iris pattern information stored in said memory media.

165. (New) An in-vehicle controlling apparatus as set forth in claim 160, in which said user identification information obtaining means is adapted to obtain said user identification information from an integrated circuit card by performing communication with said integrated circuit card.

166. (New) An in-vehicle controlling apparatus as set forth in claim 165, in which said integrated circuit card is constituted by an electronic license card.

167. (New) An in-vehicle apparatus controlling method of controlling locks through steps of transmitting biometric information obtained by biometric information obtaining means provided in a mobile apparatus through communication means provided in said mobile apparatus, judging whether or not a person demanding permission to utilize the automotive vehicle is identical to a registered user having permission to utilize an automotive vehicle by establishing the verification of said biometric information received from said mobile apparatus with respect to biometric information previously registered by said biometric information registering means and indicative of a registered user having permission to utilize an automotive vehicle, or establishing the verification of biometric information obtained by biometric information obtaining means with respect to said biometric information previously registered by said biometric information registering

means and indicative of said user having said permission to utilize said automotive vehicle.

Respectfully submitted,



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